

RP01129

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# Recombinant Human TNFSF7/CD27 Ligand Protein

Catalog No.: RP01129

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	970	P32970

### Tags

N-hFc

### Synonyms

CD70;CD27L; LPFS3; CD27-L; CD27LG;  
TNFSF7; TNLG8A;CD27-  
L;CD27LG;TNFSF7;TNLG8A

## Product Information

Source	Purification
HEK293 cells	> 90 % by SDS- PAGE.

### Endotoxin

< 1.0 EU/μg of the protein by LAL  
method.

### Formulation

Lyophilized from a 0.22 μm filtered  
solution PBS, pH 7.4. Contact us for  
customized product form or formulation.

### Reconstitution

Centrifuge the vial before opening.  
Reconstitute to a concentration of  
0.1-0.5 mg/mL in sterile distilled water.  
Avoid vortex or vigorously pipetting the  
protein. For long term storage, it is  
recommended to add a carrier protein or  
stabilizer (e.g. 0.1% BSA, 5% HSA, 10%  
FBS or 5% Trehalose), and aliquot the  
reconstituted protein solution to  
minimize freeze-thaw cycles.

## Contact



[www.abclonal.com](http://www.abclonal.com)

## Background

This protein is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for TNFRSF27/CD27. It is a surface antigen on activated, but not on resting, T and B lymphocytes. It induces proliferation of costimulated T cells, enhances the generation of cytolytic T cells, and contributes to T cell activation. This cytokine is also reported to play a role in regulating B-cell activation, cytotoxic function of natural killer cells, and immunoglobulin synthesis.

## Basic Information

### Description

Recombinant Human TNFSF7/CD27 Ligand Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Gln39-Pro193) of human CD70 (Accession #NP\_001243.1) fused with an Fc tag at the N-terminus.

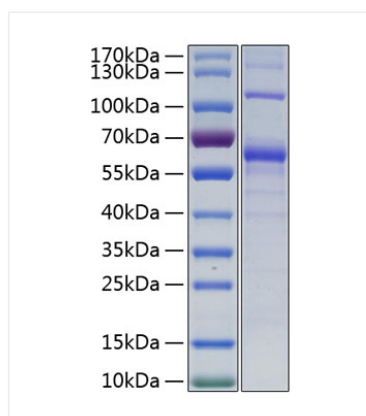
### Bio-Activity

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Validation Data

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Recombinant Human TNFSF7/CD27 Ligand Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55-60, 110-120 and 160-170 kDa.